

Notice of Allowability

Application No.

09/976,309

Examiner

Ovidio Escalante

Applicant(s)

BHUSRI, GURCHARAN S.

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/31/05.
2. ☒ The allowed claim(s) is/are 62-77.
3. ☒ The drawings filed on 10/15/01, 12/14/04 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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DETAILED ACTION

1. This action is in response to applicant's amendment filed on April 1, 2005 and December 14, 2004. **Claims 62-77** are now pending in the present application.

Terminal Disclaimer

2. The terminal disclaimer filed on May 31, 2005 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 5,878,113 and 5,946,379 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Drawings

3. The drawings were received on 10/15/2001 and 12/14/2004. These drawings are approved.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joseph Redmond on May 24, 2005.

The application has been amended as follows:

In claim 62, line 13, change "the apparatus" to --the network--;

In claim 63, line 13, change "the apparatus" to --the network--;

In claim 63, lines 17-18, change "the apparatus" to --the network--;

REASONS FOR ALLOWANCE

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5. The following is an examiner's statement of reasons for allowance: the application is allowable for the reasons set forth on pages 11-12 of the Applicant's response filed on December 14, 2004 and Terminal Disclaimer filed on May 31, 2005 and in view of the above Examiner's amendment with respect to claims 62 and 63.

Regarding claims 62, 67 and 69, as noted therein, the claimed invention requires *inter alia* installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with forming information packets which comprises an information part and a transaction part wherein the transaction information part is appended to a message part prior to transmission and recognizing and responding to speech and providing interactive communication with a customer and having a case worker simultaneously interacting with said communication unit, plurality of interconnected network elements and the customer whereas the closest prior art Rajagopal et al. US Patent 5,537,611 teaches of servicing calls in a telecommunication network and does not teach or suggest setting up the network by installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with forming information packets which comprises an information part and a transaction part wherein the transaction information part is appended to a message part prior to transmission and recognizing and responding to speech and providing interactive communication with a customer and having a

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case worker simultaneously interacting with said communication unit, plurality of interconnected network elements and the customer.

Regarding claims 63 and 70, as noted therein, the claimed invention requires *inter alia* installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with detecting when an error has occurred during set-up of a call and placing a test call or placing a test call with the customer requests billing whereas the closest prior art Crocker et al. and Beebe et al. only teach placing a test call and determining errors and do not teach and suggest setting up the network by installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with detecting when an error has occurred during set-up of a call and placing a test call or placing a test call with the customer requests billing.

Regarding claims 71, 75 and 76, as noted therein, the claimed invention requires *inter alia* installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with forming an information packet and wherein the database comprises a list of number identifying phone numbers of calling parties which have been marked for fraud whereas the closest prior art Phelps and D'Urso et al. only teach of determining that a call is fraudulent based on the number and do not teach or suggest installing an interconnect bus in a

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telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with forming an information packet and wherein the database comprises a list of number identifying phone numbers of calling parties which have been marked for fraud.

Regarding claims 73, as noted therein, the claimed invention requires *inter alia* installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with having the database contain a list of numbers identifying phone numbers of calling parties which have been marked for accumulated billing charges whereas the closest prior art Brown and Golden et al. only teach accumulating billing charges and do not teach or suggest installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with having the database contain a list of numbers identifying phone numbers of calling parties which have been marked for accumulated billing charges.

Regarding claim 77, as noted therein, the claimed invention requires *inter alia* installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with preparing call detail record based on data contained in an information packet whereas the closest prior art

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Relyea only teach of preparing call detail records and do not teach or suggest installing an interconnect bus in a telecommunication network, wherein the bus is in communication with a database, processor, communication unit and plurality of interconnected network elements which includes instructions specifying function for servicing a telephone in combination with preparing call detail record based on data contained in an information packet.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Claims 62-77 have been renumbered to claims 1-16 respectively.

Conclusion

7. Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or faxed to:

(703) 872-9306, (for formal communications intended for entry)

Or:

(571) 273-7537, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to:

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ovidio Escalante whose telephone number is 571-272-7537. The examiner can normally be reached on M-Th from 6:30 to 4:00. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan S Tsang can be reached on 571-272-7547. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

OVIDIO ESCALANTE
PATENT EXAMINER



Ovidio Escalante
Examiner
Group 2645
June 9, 2005

O.E./oe